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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797			LIANG, REGINA	
			ART UNIT	PAPER NUMBER
			2629	

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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/688,611	SCHEDIVY, GEORGE C.	
	<b>Examiner</b> Regina Liang	<b>Art Unit</b> 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 21 September 2006.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-46 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-46 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____.                                     |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>9/21/06</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application |
|  | 6) <input type="checkbox"/> Other: _____.                         |

## **DETAILED ACTION**

1. This Office Action is response to amendment filed 9/21/06. Claims 1-46 are pending in the application.

### ***Double Patenting***

2. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

3. Claims 1-46 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-65 of U.S. Patent No. 6,899,365. Although the conflicting claims are not identical, they are not patentably distinct from each other because claim 37 of this applicant is broader version of claim 30 of U.S. Patent No. 6,899,365.

The following is an example for comparing claim 37 of this application and claim 30 of U.S. Patent No. 6,899,365.

Claim 37 of this application	Claim 30 of U.S. Patent No. 6,899,365
A video system comprising:	An entertainment system comprising:
<b>a display mounted in a vehicle seat headrest;</b> and	<b>a display operatively coupled to the media source</b> , wherein the display is one of handheld, mounted to the housing and mounted at a location in the vehicle away from the housing.
<b>a media player mounted in the vehicle seat headrest</b> , wherein the media player is connected to the display and to a data bus.	<b>a media source;</b> a housing for supporting the media source, therein the housing is coupled to an inner portion of <b>a seat of a vehicle</b> , and the media source is capable of being selectively connected to and disconnected from the housing; and a door pivotally attached to the housing with a hinge.

As can be seen above, claim 37 of this applicant is broader version of claim 30 of U.S. Patent No. 6,899,365.

4. Claims 1-46 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-23 of copending Application No.

10/438,724. Although the conflicting claims are not identical, they are not patentably distinct from each other because they are obvious over each other.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

The following is an example for comparing claim 1 of this application and claim 9 of copending Application No. 10/438,724.

Claim 19 of this application	Claim 1 of US. No. 10/438,724
A video system comprising:	A video system comprising:
a base portion mounted in a vehicle seat headrest; and	a base unit coupled to a headrest support structure located within a headrest of a vehicle seat,
a door pivotally attached to the base portion, wherein the door includes a display mounted to the door, and wherein the base portion includes a media player mounted in the base portion such that a loading point for a data storage medium for the media player is concealed and the media player is behind the door when the door is in a closed position.	wherein the base unit comprises a media player comprising at least one of a DVD player, an MPEG player or a video game player; and a display mounted in a door pivotally connected to the base unit by a hinge and in a closed position concealing the media player.

As can be seen above, claim 19 of this application is obvious over claim 1 of copending Application No. 10/438,724.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 19-21, 27, 28, 31-32, 35, 36 are rejected under 35 U.S.C. 102(e) as being anticipated by Tseng (US 2004/0130616).

As to claims 19, 28, 30, 32, 36, Fig. 1 of Tseng discloses a video system comprising: a base portion mounted in a vehicle seat headrest; and a door pivotally attached to the base portion, wherein the door includes a display mounted to the door, and wherein the base portion includes a media player mounted in the base portion such that a loading point for a data storage medium for the media player is concealed and the media player is behind the door when the door is in a closed position as claimed (see [0007]).

As to claims 20, 21, see Figs. 1 and 2 of Tseng.

As to claim 27, the earphone jack is a port for connecting to an external device.

As to claim 31, Fig. 1 of Tseng shows the hinge is positioned at the bottom of the door.

As to claim 35, see [0007] of Tseng.

***Claim Rejections - 35 USC § 103***

7. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

8. Claims 22-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tseng in view of Chang (US 6,871,356).

Tseng does not explicitly disclose the video system comprising a wireless transmitter for transmitting wireless signals. However, Fig. 3 and co. 5, line 55 to col. 6, line 25 of Chang teaches a video system comprising a wireless transmitter for transmitting wireless signals, wherein the wireless transmitter including least one of an optical transmitting device and antenna, and the transmitter is capable of transmitting the wireless signal on more than one channel as claimed. Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the video system of Tseng to include a wireless transmitter for transmitting wireless signals as taught by Chang since Chang the wireless transmission can eliminates the need for extensive installation of wiring to physically connect the source and the radio (col. 6, lines 9-12).

9. Claim 29 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tseng in view of Baret (FR 2817812).

As to claim 29, Tseng does not disclose a cover for covering the display. However, Fig. 1 of Baret teaches a video display system in a vehicle comprising a cover (51) for covering the display (4). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the video system of Tseng to have a cover for covering the display as taught by Baret so as to protect the display screen when the display is not used.

Art Unit: 2629

10. Claim 33 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tseng in view of Vottero-Fin (US 4,982,996).

Tseng does not disclose the vehicle seat headrest includes at least one vent. However, Vottero-Fin teaches a vehicle seat armrest having a display device (TV set 21) and at least one vent (grill 26) for cooling the display device (col. 2, line 14-15). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the headrest of Tseng to include at least one vent for dissipating heat generated by the video system.

11. Claim 34 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tseng in view of May et al (US 6,102,476 hereinafter May).

Tseng does not disclose the vehicle seat headrest includes a fan. However, May teaches an armrest of a chair having a fan for dissipating heat generated by an electronic device (PC) located within the chair. Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Tseng to include a fan in the headrest for dissipating heat generated by the video system.

12. Claims 37, 39-45 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tseng in view of Allan et al (US 6,339,455 hereinafter Allan).

As to claim 37, Tseng discloses a video system comprising a display mounted in a vehicle seat headrest; and a media player mounted in the vehicle seat headrest, wherein the media player is connected to the display (see Figs. 1, 2, and [0007]). Tseng does not explicitly disclose the media player is connected to a data bus. However, it is well known in the art that a

video system having a media player is connected to a display and to a data bus (see Fig. 5 of Allan, the data bus 19 is provided between the control unit 17 to the display 3 and to the DVD player 15). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the media player of Tseng to be connected to a data bus as taught by Allan in order to provide audio/visual image data from the media player to the display screen for viewing by the user.

As to claim 39, Tseng teaches the base portion includes the media player and mounted in the vehicle seat headrest, the door pivotally attached to the base and includes the display mounted to the door.

As to claim 40, Tseng teaches the base portion including the media player and the base portion is mounted in the vehicle seat headrest, Allan teaches the media player mounted in the base portion and the base portion including an opening in line with a slot in the media player for receiving the data media to be inserted in the slot. Thus, Tseng as modified by Allan would have the vehicle seat headrest includes an opening in line with a slot in the media player for receiving a data media to be inserted in the slot as claimed.

As to claim 41, Tseng teaches the media player is a clamshell-type device.

As to claim 42, Allan teaches the audio/visual signals is received from remote or in-vehicle broadcasting sources and from the DVD player and transmitted to a speaker and to the screen as controlled by a control unit. Tseng as modified by Allan does not explicitly teach using a wireless transmitter. However, it would have been obvious to modify Tseng as modified by Allan to use a wireless transmitter for transmitting the signals to the speaker and to the display as claimed so as to provide a compact video system.

As to claim 43, see [0007] of Tseng.

As to claims 44, 45, see Fig. 1 of Tseng.

13. Claim 38 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tseng in view of Mathias (WO 00/38951).

Tseng does not disclose the door includes a media player. However, Figs. 4 and 5 of Mathias teaches an integrated visual display/digital media player in the form of an LCD/DVD video display system (30) mounted inside a vehicle, comprising a base portion (34), a door (screen console 38) pivotally attached to the base portion, wherein the door (screen console 38) includes a display (40) and a media player (disc player 32) mounted to the door. Mathias suggests “this view display system 30 could also be mounted to other interior components located within the automobile, including, but not limited to, **seat backs**, center consoles, etc.” (page 11, lines 14-17). Thus, in view of Mathias’s suggestion, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the door of Tseng to have a media player as taught by Mathias so as to provide for easy mounting within a motor vehicle and to provide a compact and less complicated mounting structure.

14. Claim 46 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ireton (US 2006/0112144) in view of Tseng.

As to claim 46, Fig. 1 of Ireton discloses a video system comprising a media player (10) including a display (12) mounted in a vehicle ([0013]), the media player downloads and plays video and audio files (see Fig. 3, [0020]-[0021]). Ireton does not explicitly disclose the media

player is mounted in the seat headrest of the vehicle. However, Tseng teaches a media player is mounted in the seat headrest of the vehicle so as to “allow the rear seat passengers to individually, fully, and easily control their desired source of entertainment during their occupancy of the automobile without disturbing the other passengers of the vehicle” ([0004] of Tseng). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the media player of Ireton to be mounted in the seat headrest of the vehicle as taught by Tseng since this allows the rear seat passengers to individually, fully, and easily control their media player without disturbing the other passengers of the vehicle.

15. Claims 1-11, 13-15, 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang (US 6,871,356) in view of Mathias et al (WO 00/38951 hereinafter Mathias) and Haberkern (US 5,214,514).

As to claim 1, Figs. 7, 10, 11 of Chang discloses a video system comprising a base portion (housing 418) mounted in a vehicle seat headrest, and a door (screen structure 416) pivotally attached to the base portion, wherein the door (screen structure 416) includes a display (446) mounted to the door.

Chang does not disclose the door includes a media player. However, Figs. 4 and 5 of Mathias teaches an integrated visual display/digital media player in the form of an LCD/DVD video display system (30) mounted inside a vehicle, comprising a base portion (34), a door (screen console 38) pivotally attached to the base portion, wherein the door (screen console 38) includes a display (40) and a media player (disc player 32) mounted to the door. Mathias suggests “this view display system 30 could also be mounted to other interior components

located within the automobile, including, but not limited to, **seat backs**, center consoles, etc.” (page 11, lines 14-17). Thus, in view of Mathias’s suggestion, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the door (screen structure 416) of Chang to have a media player as taught by Mathias so as to provide for easy mounting within a motor vehicle and to provide a compact and less complicated mounting structure.

Chang as modified by Mathias does not disclose a loading point for a data storage media player is located on the side of the door opposite the display. However, Figs. 1 and 2 of Haberkern teaches a compact video/audio device (media player) with foldable screen (door), a loading point of the media player (13) is located on an opposite side of the display (5). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the video system of Chang as modified by Mathias to have a loading point for a data storage media player is located on the side of the door opposite the display as taught by Haberkern since this provides that the media player is easily accessible, and it can simply be inserted into the door and be removed therefrom (col. 1, lines 57-60 of Haberkern).

As to claim 2, Mathias teaches the media player is a slot-type device (81 in Fig. 5).

As to claim 3, Chang teaches the base portion (screen structure 416) is coupled to the internal headrest support structure (see Fig. 7A).

As to claims 4-8, see Fig. 3 and co. 5, line 55 to col. 6, line 25 of Chang for example.

As to claim 9, Fig. 3 of Chang teaches comprising a port for connecting to an external device.

As to claim 10, Fig. 7 of Chang teaches the display is mounted on a front side of the door; Fig. 4, 5 of Mathias teaches the media player is mounted on a back side of the door.

As to claim 11, Fig. 10 of Chang teaches the door pivots in a range of angles including approximately  $0^{\circ}$  to  $180^{\circ}$  with respect to the base portion.

As to claims 13, 14, Chang teaches the door is pivotally attached to the base portion with a hinge (436, 440 in Fig. 8A), and the hinge is positioned at a top portion of the door.

As to claim 15, Chang as modified by Mathias teaches the display and the media player are capable of operating when the door is in a closed position, and a data storage medium (disc) is inserted into the media player when the door is in an open position.

As to claim 18, Mathias teaches the media player includes a DVD player.

16. Claims 19-28, 30-32, 35, 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang in view of Mathias and Ishii (US 5,396,340).

As to claim 19, Figs. 7, 10, 11 of Chang discloses a video system comprising a base portion (housing 418) mounted in a vehicle seat headrest, and a door (screen structure 416) pivotally attached to the base portion, therein the door (screen structure 416) includes a display (446) mounted to the door.

Chang does not disclose a media player mounted in the base portion. However, Fig. 1 of Mathias teaches an integrated visual display/digital media player in the form of an LCD/DVD video display system (30) mounted inside a vehicle, comprising a base portion (34), a door (screen console 38) pivotally attached to the base portion, wherein the door (screen console 38) includes a display (40) and a media player (disc player 32) is mounted in the base portion.

Mathias suggests “this view display system 30 could also be mounted to other interior components located within the automobile, including, but not limited to, **seat backs**, center consoles, etc.” (page 11, lines 14-17). Thus, in view of Mathias’s suggestion, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the video system of Chang to have a media player mounted in the base portion as taught by Mathias so as to provide for easy mounting within a motor vehicle and to provide a compact and less complicated mounting structure.

Chang as modified by Mathias does not disclose the loading point for a data storage medium for the media player is concealed and the media player is behind the door when the door is in a closed position. However, Fig. 1 of Ishii teaches a media player (1) having a loading point for a data storage medium (15) is concealed and the media layer (1) is behind the door (cover 12) when the door is in a closed position. Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the media player of Chang as modified by Mathias to have the loading point as taught by Ishii such that the operability is improved (col. 1, lines 56-59 of Ishii).

As to claim 20, Mathias teaches the media player is a slot-type device (81 in Fig. 5).

As to claim 21, Chang teaches the base portion (screen structure 416) is coupled to the internal headrest support structure (see Fig. 7A).

As to claims 22-26, see Fig. 3 and co. 5, line 55 to col. 6, line 25 of Chang for example.

As to claim 27, Fig. 3 of Chang teaches comprising a port for connecting to an external device.

As to claim 28, Fig. 7 of Chang teaches the display is mounted on a front side of the door.

As to claims 30, 31, Chang teaches the door is pivotally attached to the base portion with a hinge (436, 440 in Fig. 8A), and the hinge is positioned at a top portion of the door.

As to claim 32, Chang as modified by Mathias teaches the display and the media player are capable of operating when the door is in a closed position, and a data storage medium (disc) is inserted into the media player when the door is in an open position.

As to claim 35, Mathias teaches the media player includes a DVD player.

As to claim 36, Chang teaches the base portion mounted in the headrest; Mathias teaches the base portion includes a media player, and Fig. 3 of Mathias teaches the base portion have a cavity for selectively housing the media player. Thus, Chang as modified by Mathias teaches the video system as claimed.

17. Claims 37-45 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang in view of Mathias and Allan.

As to claims 37, 38, note the discussion of Chang and Mathias regarding claim 1 above. Mathias teaches the door includes the display and the media player mounted to the door. Chang as modified by Mathias does not disclose the media player is connected to a data bus. However, it is well known in the art that a video system having a media player is connected to a display and to a data bus (see Fig. 5 of Allan, the data bus 19 is provided between the control unit 17 to the display 3 and to the DVD player 15). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the media player of Chang as modified by Mathias to be connected to a data bus as taught by Allan in order to provide audio/visual image data from the media player to the display screen for viewing by the user.

As to claim 39, note the discussion of claim 1 above. Fig. 1 of Mathias teaches the media player (32) is mounted in the base portion.

As to claim 40, Mathias teaches the media player having a slot in the media player for receiving a data media to be inserted in the slot (81 in Fig. 5).

As to claim 41, Mathias teaches the media player is a slot-type device (81 in Fig. 5).

As to claim 42, Fig. 4 of Chang teaches a wireless transmitter capable of transmitting at least one of video and audio signal to wireless headphones.

As to claim 43, Mathias teaches the media player includes a DVD player.

As to claim 44, Chang teaches the base portion mounted in the headrest; Mathias teaches the base portion includes a media player, and Fig. 3 of Mathias teaches the base portion have a cavity for selectively housing the media player. Thus, Chang as modified by Mathias teaches the video system as claimed.

As to claim 45, Chang teaches the display is pivotally attached to the base portion.

18. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chang, Mathias and Haberkern as applied to claim 1 above, and further in view of Baret.

As to claim 12, Chang as modified by Mathias and Haberkern does not disclose a cover for covering the display. However, Fig. 1 of Baret teaches a video display system in a vehicle comprising a cover (51) for covering the display (4). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the video system of Chang as modified by Mathias and Haberkern to have a cover for covering the display as taught by Baret so as to protect the display screen when the display is not used.

19. Claim 29 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chang, Mathias and Ishii as applied to claim 19 above, and further in view of Baret.

As to claim 29, Chang as modified by Mathias and Ishii does not disclose a cover for covering the display. However, Fig. 1 of Baret teaches a video display system in a vehicle comprising a cover (51) for covering the display (4). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the video system of Chang as modified by Mathias and Ishii to have a cover for covering the display as taught by Baret so as to protect the display screen when the display is not used.

20. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chang, Mathias and Haberkern as applied to claim 1 above, and further in view of Vottero-Fin.

Chang as modified by Mathias and Haberkern does not disclose the vehicle seat headrest includes at least one vent. However, Vottero-Fin teaches a vehicle seat armrest having a display device (TV set 21) and at least one vent (grill 26) for cooling the display device (col. 2, line 14-15). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify to modify the headrest of Chang as modified by Mathias and Haberkern to include at least one vent for dissipating heat generated by the video system.

21. Claim 33 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chang and Mathias and Ishii as applied to claim 19 above, and further in view of Vottero-Fin.

Chang as modified by Mathias and Ishii does not disclose the vehicle seat headrest includes at least one vent. However, Vottero-Fin teaches a vehicle seat armrest having a display device (TV set 21) and at least one vent (grill 26) for cooling the display device (col. 2, line 14-15). Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify to modify the headrest of Chang as modified by Mathias and Ishii to include at least one vent for dissipating heat generated by the video system.

22. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chang and Mathias and Haberkern as applied to claim 1 above, and further in view of May.

Chang as modified by Mathias and Haberkern does not disclose the vehicle seat headrest includes a fan. However, May teaches an armrest of a chair having a fan for dissipating heat generated by an electronic device (PC) located within the chair. Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify to modify Chang as modified by Mathias and Haberkern to include a fan in the headrest for dissipating heat generated by the video system.

23. Claim 34 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chang and Mathias and Ishii as applied to claim 19 above, and further in view of May.

Chang as modified by Mathias and Ishii does not disclose the vehicle seat headrest includes a fan. However, May teaches an armrest of a chair having a fan for dissipating heat generated by an electronic device (PC) located within the chair. Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify to

modify Chang as modified by Mathias and Ishii to include a fan in the headrest for dissipating heat generated by the video system.

24. Claim 46 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ireton in view of Chang.

As to claim 46, Fig. 1 of Ireton discloses a video system comprising a media player (10) including a display (12) mounted in a vehicle ([0013]), the media player downloads and plays video and audio files (see Fig. 3, [0020]-[0021]). Ireton does not explicitly disclose the media player is mounted in the seat headrest of the vehicle. However, Chang teaches a video display mounted in the seat headrest of the vehicle. Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the media player of Ireton to be mounted in the seat headrest of the vehicle as taught by Tseng since this allows the rear seat passengers to individually, fully, and easily control their media player without disturbing the other passengers of the vehicle.

*Response to Arguments*

25. Applicant's arguments with respect to claims 1-46 have been considered but are moot in view of the new ground(s) of rejection.

*Conclusion*

26. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

27. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Regina Liang whose telephone number is (571) 272-7693. The examiner can normally be reached on Monday-Friday from 8AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Regina Liang  
Primary Examiner  
Art Unit 2674